

JGM
303 North Washington Street
Berkeley Springs, WV 25411
240-397-1154
Ron Martin
Business Development

March 7, 2014

Letter – Expression of Interest

VIA ECFS

Chairman Thomas Wheeler
Commissioner Mignon Clyburn
Commissioner Jessica Rosenworcel
Commissioner Ajit Pai
Commissioner Michael O’Rielly
Jonathan Chambers, FCC, Chief, Office of Strategic Planning & Policy Analysis

Federal Communications Commission
445 12th Street, SW
Washington, DC 20024

RE: Expression of Interest – Rural Broadband Experiments
Connect America Fund Phase 2
WC Docket No. 10-90

Dear Chairman Wheeler, Commissioners, and Mr. Chambers,

This letter is to express JGM’s interest in receiving funding from the Rural Broadband Experiments announced at the January 30, 2014 FCC Open Meeting.

We would like to provide a robust, scalable, last mile broadband via fiber optic cable. Our project will be a FTTH, FTTT, FTTT, FTTB project. Our service offering will be a symmetrical(same down/up) offering, meeting atleast the minimum requirements of the FCC Experiment(3mbps/768kbps) **scalable up to 1g**

initially. Future expansion of network capability, with minimal investment, will be 10G/40G. Customer can request less than these FCC requirements. In addition, our fiber optic build will enable us and/or others to provide fixed wireless and mobile wireless solutions along our build. We will have no legacy assets or older technology to deal with. We will have an all fiber network with new optic technology.

WHY

Community Need/Financial Need

#1) Our communities(Great Cacapon and Paw Paw) currently have no DOCSIS(cable modem) providers for internet service. So, we currently have less than the FCC minimum for this Experiment/Trial.

#2) Low Per Capita, Low Medium Household Income, Low High School Graduate or Higher, Low Bachelors Degree or Higher. From the 2010 U.S. Census.

	Morgan County, WV	USA	
Per Capita Income	\$ 21,375	28,051	23.8 % below the Nation
Median Household Income	\$ 35,350	53,046	33.3 % below the Nation
Persons below Poverty Level, %	14.9 %	14.9 %	same as Nation
High School Graduate or Higher, % of Persons 25 +	82.5 %	85.7 %	3.2 % less than Nation
Bachelors Degree or Higher, % of Persons 25 +	15.0 %	28.5 %	13.5 % below the Nation

The unincorporated area of Great Cacapon(Morgan County, WV) and the Town of Paw Paw(Morgan County, WV) are even worse than these figures. However, I am unable to pull the statistics from the 2010 U.S. Census information myself to verify my statement.

Our communities are located 100 miles from our Nation's Capitol and about 80 miles from Montgomery County, MD and Fairfax, County, VA. A comparsion with those Counties show an even starker picture.

	Morgan County WV	Montgomery County MD	Fairfax County VA	
Per Capita Income	\$ 21,375	48,690	50,532	56 % lower
Median Household Income	\$ 35,350	96,985	109,383	63 % lower
Persons below Poverty Level, %	14.9 %	6.5 %	5.6 %	2 times greater
High School Graduate or Higher, % of Persons 25 +	82.5 %	91.0 %	91.6 %	9 % lower
Bachelors Degree or Higher, % of Persons 25 +	15.0 %	56.9 %	58.2 %	42 % lower

#3) Morgan County, WV borders the Potomac River, C & O Canal and the State of Maryland for approximately 40 miles. Also, Morgan County, WV borders 22 miles of the Western Maryland Rail/Trail and an additional 20 miles is being planned. In the event of a major catastrophe, people from the Washington, DC Metro area would use the C & O Canal, Potomac River, and the Western MD Rail Trail as a route westward. Our initial build will bring communication possibilities along this route that are now nonexistent.

#4) Our initial build, will assist our local EMS, 911, Sheriff, Fire, Safety in their communication efforts.

#5) Cell(Mobile) phone service along our planned fiber route is currently minimal or nonexistent.

#6) Increase access to job training and higher education(2 year and 4 year Institutions) via on-line education.

#7) Increase access to Telework options.

#8) Increase access to Telehealth options.

#9) Provide a solution for a new local radio station, WVFS-LP, 93.5 FM, to be able to stream their broadcasts over the internet to their listening area.

Where

#1)Initial Project(s)

State	County	Tract ID	Eligible High Cost	Extremely High Cost	Annual Support
WV	Morgan	54 065 970900	701	40	\$ 459,706.42

More specific would be the unincorporated area of Great Cacapon, WV 25422 and the Incorporated Town of Paw Paw, WV 25434.

	Population	Households	
Great Cacapon, WV 25422	386	158	per 2010 U S Census
Paw Paw, WV 25434	508	223	per 2010 U S Census

Additional population between Great Cacapon and Paw Paw will increase population count and household count.

#2)Our longer term goal would then expand to the Town of Bath, WV 25411

State	County	Tract ID	Eligible High Cost	Extremely High Cost	Annual Support
WV	Morgan	54 065 970800	6	2	14,731.48

And then the entire Morgan County, WV area. So, that would add 54 065 970700 and 54 065 971000

State	County	Tract ID	Eligible High Cost	Extremely High Cost	Annual Support
WV	Morgan	54 065 970700	70	0	56,782.43
WV	Morgan	54 065 971000	143	4	191,643.42

Our long term objective is to cover all of Morgan County, WV (54065 970700, 970800, 970900, 971000) which would include a population of 17,541 and 7,306 households.

By running our fiber along Route 9 East and West and Route 522 North and South, we will be able to connect Morgan County, WV to Tier 1 service providers(like XO Communications, Zayo, Level 3, etc.) in Maryland, West Virginia, and Virginia. Also, Allied Fiber is building a dark fiber project along the Norfolk Southern Railroad(North South route) which passes thru Berkeley County, WV, some 25 miles away.

Additionally, future areas could include:

State	County	Tract ID	Eligible High Cost	Extremely High Cost	Annual Support
WV	Hampshire	54 027 968200	2001	66	790,257.34
		968300	1483	19	584,794.76
		968400	642	73	459,709.05
		968500	701	50	401,941.93
		968600	1,335	43	706,510.63

Who

JGM

303 N. Washington Street

Berkeley Springs, WV 25411

240-397-1154

Ron Martin

Business Development

We will be a locally owned and operated “for profit” firm(ISP) with our Headquarters, CO(Central Office) and NOC(Network Operations Center) based out of 303 North Washington Street Berkeley Springs, WV 25411(Morgan County). Currently, we have a data center with connectivity to DC 2 @ 21715 Filigree Court Ashburn, VA. Also, we are located at 300 W. Lexington Street Baltimore, MD.

Potential Partners

We are in the process of getting letters of support and identifying potential partners. A partial list follows:

Morgan County Commission

Morgan County Bd of Education

Town of Paw Paw

Town of Bath

Morgan County EMS

Morgan County 911/E-911 Board

Morgan County Senior Life Services
 Morgan County Sheriiff's Office
 Morgan County Fire Departments
 Blue Ridge CTC
 War Memorial/Valley Health Hospital
 Morgan County Public Libraries, Berkeley Springs and Paw Paw
 Morgan County Chamber of Commerce
 Morgan County EDA
 WV Region 9 Council
 WV Development Office
 WV Broadband Deployment Council
 USDA RUS
 ARC
 U.S.Senator Manchin
 U.S.Senator Rockefeller
 U.S.Congresswoman Shelley Moore-Capito
 WV Delegate Daryl Cowles
 WV Delegate Larry Kump
 WV Senator Cookman
 WV Senator Craig Blair
 Citizens of Great Cacapon
 Citizens of Paw Paw

ETC Status

Currently, we do not have ETC status. However, we intend to apply for ETC status, or we will partner with someone who has ETC status, at the appropriate time.

No Tribal Participation

Project Timeline

Start 3 to 6 months from award

Project Investment Needed

One time on initial project.

Great Cacapon	7 miles of fiber @ \$18,000/mile	\$ 126,000
Each home	158 x \$1,000	158,000
	TOTAL	\$284,000
Paw Paw	28 miles of fiber @ \$18,000/mile	\$504,000
Each home	223 x \$1,000	223,000
	TOTAL	\$727,000
	Grand Total	\$1,011,000

Anchor Institutions

All anchor institutions would be connected including k-12 schools, 2 and 4 yr institutions, public libraries, senior centers, healthcare facilities, city offices, community centers, fire departments, city police, county business parks.

Thank you for considering our Expression of Interest. We commend the FCC in this effort to connect rural communities.

Regards,

Ron Martin
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